

Material Safety Data Sheet

CHEMLIQUID 252 Acid Mine Drainage Treatment

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: (ENHANCED CAUSTIC SODA)

CHEMICAL FAMILY:
 ALKALI SOLUTIONS

PRODUCT DESCRIPTION:

Proprietary liquid blend of a 25% Sodium Hydroxide solution with oxidizer and coagulant
 Color: Dark Sea Green, slightly viscous solution that is odorless.

CONTACT ADDRESS: CHEMSTREAM INC.
 166 Commerce Drive
 Stoystown, PA 15563

EMERGENCY TELEPHONE NUMBERS:

Chemtrec: (800) 424-9300
 Chemstream (814) 629-7118

NON EMERGENCY TELEPHONE NUMBER : (8 AM - 5 PM M - F)
 FOR GENERAL PRODUCT INFORMATION CALL: (814) 629-7118

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

The composition of this mixture is proprietary information. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

This product is hazardous as defined in 29 CFR 1910.1200, based on the following compositional information:

<u>OSHA HAZARD</u>	<u>COMPONENT</u>
Corrosive	Sodium Hydroxide
ACGIH TLV / OSHA PEL	Sodium Hydroxide
Toxic	Sodium Hydroxide
Oxidizer	Potassium Permanganate

SECTION 3 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE CONTACT:

Corrosive. Will cause eye burns and permanent tissue damage

SKIN CONTACT:

Corrosive. Causes permanent skin damage.

INHALATION:

Irritating to eyes and respiratory tract.

INGESTION:

Moderately toxic.

Corrosive to mouth, esophagus and stomach.

Continues on page 2

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	

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 ACGIH TLV / OSHA PEL
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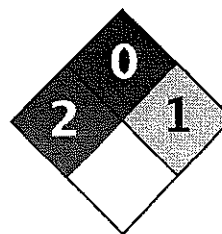
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Continues on page 2

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	



Health	2
Fire	0
Reactivity	1
Personal Protection	E

Material Safety Data Sheet

Sodium carbonate MSDS

Section 1: Chemical Product and Company Identification

Product Name: Sodium carbonate

Catalog Codes: SLS3481, SLS1264, SLS4105, SLS1894, SLS3316

CAS#: 497-19-8

RTECS: VZ4050000

TSCA: TSCA 8(b) inventory: Sodium carbonate

CI#: Not available.

Synonym: Crystal Carbonate, Disodium Carbonate, Sal Soda, Soda Asha, Washing Soda

Chemical Name: Sodium Carbonate, Anhydrous

Chemical Formula: Na₂-C-O₃

Contact Information:

Sciencelab.com, Inc.

14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**

International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Sodium carbonate	497-19-8	100

Toxicological Data on Ingredients: Sodium carbonate: ORAL (LD₅₀): Acute: 4090 mg/kg [Rat]. 6600 mg/kg [Mouse]. DUST (LC₅₀): Acute: 2300 mg/m² 2 hours [Rat]. 1200 mg/m² 2 hours [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects: Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation (lung irritant).

Potential Chronic Health Effects:

Slightly hazardous in case of skin contact (sensitizer).

CARCINOGENIC EFFECTS: Not available.

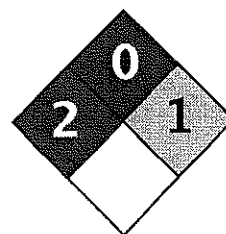
MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

The substance may be toxic to upper respiratory tract, skin, eyes.

Repeated or prolonged exposure to the substance can produce target organs damage.



Health	2
Fire	0
Reactivity	1
Personal Protection	E

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Client: The Ohio Valley Coal Company
Operation: #6 Mine
City, State, Zip: Allandonia Ohio
OHEPA Permit ID: OIL00046
ODNR Permit ID: D-0360

Contact Person: Cody Mozena
Telephone No: 740-310-9428
Reports to: Cody Mozena
e-mail: cmozena@coalsource.com
Sampler ID: 7D

TraDet, Inc.
8 Industrial Park Drive
Wheeling, WV 26003
ph: (304) 233-9060
fx: (304) 233-9063
email: info@tra-det.com

Lab ID	Sample ID (Permit No)	Date	Time	Grab	Composite	Number of Containers	Type of Container: P- polyethylene or equivalent, G-glass,	Flow, MGD						Field pH / Field Temp			
									WEEKLY	BI-WEEKLY	MONTHLY	QUARTERLY	INTERMITTENT	DAILY	Temp	pH	
	P-008	10-1-11	1025	X	-	2	P	<.001	X							14.7. Sample	8.02
LAB USE ONLY																	

Relinquished By (Signature) <u>[Signature]</u>	Date / Time <u>10-1-11 / 1325</u>	Received By (Signature) <u>Mike Kelley</u>	Date / Time <u>10-3-11 / 1500</u>	Comments: <u>1-500 mL W/P</u> <u>1-125 mL W/HNO3</u>
Relinquished By (Signature) <u>Mike Kelley</u>	Date / Time <u>10-3-11 / 1534</u>	Received By (Signature) <u>[Signature]</u>	Date / Time <u>[Signature]</u>	
Relinquished By (Signature) <u>[Signature]</u>	Date / Time <u>[Signature]</u>	Received By (Signature) <u>[Signature]</u>	Date / Time <u>[Signature]</u>	

Preservative Check	Yes	No
Received On Ice	Yes	No
Temperature Upon Arrival		C

[illegible]